

1903.

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NORTHWICH RURAL DISTRICT COUNCIL.

---

ANNUAL REPORT

OF THE

MEDICAL OFFICER OF HEALTH,

AND

*Vital Statistics, &c.,*

*For the Year ending December 31st, 1903.*



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# NORTHWICH RURAL DISTRICT.

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## ANNUAL REPORT

OF THE

**MEDICAL OFFICER OF HEALTH,**

FOR THE YEAR 1903.

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Population at Census, 1901	...	...	...	...	20,923
„ Estimated to middle of 1903	...	...	...	...	22,650
Area in Acres	...	...	...	...	54,301
Birth Rate per 1,000 living	...	...	..	...	27.5
Death „ „ „ „	...	...	...	...	11.4
„ „ from seven principal Zymotic Diseases	...	...	...	...	8.3
Deaths under 1 year in 1,000 Births...	...	...	...	...	108

During 1903 the excess of births over deaths was 365 throughout the whole district, which for registration purposes has been subdivided into 4 Sub-districts.

- 1 WEAVERHAM, having an area of 18,000 acres and an estimated population of 8,760. It includes Acton, Barnton, Crowton, Cuddington, Delamere, Edgisbury, Hartford, Little Leigh, Oakmere, and Weaverham.
- 2 NORTHWICH, having an area of 10,891 acres and an estimated population of 7,860. It includes Allostock, Anderton, Cogshall, Comberbach, Leftwich, Lostock Gralam, Marbury, Marston, Nether Peover, Wincham, and Winnington.

- 3 OVER, having an area of 12,472 acres and an estimated population of 2,900. It includes Clive, Darnhall, Eaton, Little Budworth, Marton, Moulton, and Wimboldsley.
- 4 MIDDLEWICH, having an area of 12,938 acres and an estimated population of 3,130. It includes Bostock, Byley, Davenham, Kinderton, Lach Dennis, Rudheath, Stanthorne, Sproston, and Whatcroft.

There have been 36 new dwelling-houses certified fit for occupation during the year.

**Births.** The total number of births registered during the year is 625, which is 21 more than during last year. The rate per 1,000 is 27·5, which is a decrease on last year of ·1, and on the average for the last ten years a decrease of 3·1.

Of these Births 334 were males, and 291 females. 26 of these births were illegitimate children. Table II. shows the number of births in each locality, with the comparisons for the last 10 years; and Supplementary Table I. shows the number of each sex in each locality for each quarter, and the rate per 1,000.

**Deaths.** The total number registered in the whole district for the year is 260, which is 22 less than last year, the rate being 11·4 per 1,000, while the 10 years average is 14·6.

The birth rate for 1903 is about  $2\frac{1}{2}$  times as much as the death rate.

103 of these Deaths occurred in Weaverham, 89 in Northwich, 36 in Over, and 32 in Middlewich.

18 Deaths occurred in Public Institutions, chiefly the Union Workhouse and the Victoria Infirmary, Northwich; three were in the Council's Infectious Diseases Hospital, at Marbury; and one in the Military Camp, at Oakmere.

Of these 260 Deaths, 69 were infants under 1 year, and 64 were persons over 65 years of age, 26 of the latter being from old age.

19 Inquests were held during the year; 2 were cases of suicide (shooting and poison), 8 from accidents, of which 3 were from drowning, 2 were suffocated in bed (infants), 2 were run



over by locomotives, 1 suffocated by a fall of land ; the others were from " natural causes " such as syncope, heart disease, &c.

21 Deaths were from Zymotic diseases : 8 were from phthisis, and 12 from other tubercular diseases ; 8 were from cancer ; 44 from diseases of lungs and bronchi ; 5 from alcoholism ; 18 from diseases of the heart, and the remainder from various other causes.

**Infantile Mortality.** The total number of deaths of infants under 1 year of age is 68, which is 30 less than the average for the last 10 years. 24 of these were in Weaverham, 25 in Northwich, 10 in Over, and 9 in Middlewich. 18 occurred during the 1st quarter, 16 during the 2nd, 19 during the 3rd, and 15 during the last.

The rate per 1,000 (of living persons) is 3·0, and the rate to 1,000 births is 108, which is to say that out of every 1,000 children born 108 die before they reach 12 months of age ; or, to express it differently, out of all the deaths in the district 43% are infants under 1 year. Of these deaths 53 were under 6 months of age, and 4 of them were illegitimate children.

The causes of these deaths were : 3 from Whooping Cough, 3 from diarrhœa, 4 from tubercule, 11 from diseases of the lungs and bronchi, 3 from congenited syphilis, 10 from premature births, 2 from accidents, 6 from convulsions, and 2 from marasmus, while the remainder were from various other causes.

Of the 4 Illegitimate children the causes of death were : bronchitis 2, tubercule 1, gastric cattarah 1. The mothers of them all were domestic servants.

Supplementary Table III. shows the number of deaths in each district for each month and quarter and the rates.

**Zymotic Deaths.** The total number of these is 21 ; 1 being from scarlet fever, 8 from whooping cough, 5 from diphtheria, 2 from croup, 2 from epidemic influenza, and 3 from diarrhœa.

The Zymotic death rate is ·92 per 1,000.

4 of these Deaths occurred in the Isolation Hospital at Marbury.

**Zymotic Diseases.** The total number of these occurring in the district is 110; 38 of which were diphtheria, 37 scarlet fever, 13 erysipelas, 11 small-pox, 10 enteric fever, and 1 puerperal fever.

Of these 39 were in Weaverham, 23 in Northwich, 27 in Over, and 21 in Middlewich. 37 were treated in the Isolation Hospital; 26 out of the 110 occurred in Barnton.

In spite of the provision by the Council for the bacteriological examination of marked products in enteric fever and diphtheria by Professor Delepine, of Owen's College, only five cases have been verified during the year. In one case of diphtheria sent to Hospital a negative result was obtained.

**Small-Pox.** An outbreak of this disease in the early part of the year resulted in 11 persons being infected. The first case—the origin of which is obscure—was a woman at Broken Cross, who attended a mothers' meeting, with well marked pocks upon her face, and as a result 10 other persons were infected, each one being distinctly traceable to this case.

No steps were taken to prosecute this case, as it was alleged she had been to a local practitioner who had not diagnosed the disease.

Every case was immediately removed to Hospital; thorough disinfection was carried out, all bedding and personal clothing being burnt, and re-vaccination of contacts at once performed. By these prompt and energetic measures the epidemic was stopped at a stage when it had become well established, owing to the first case being missed. This happy result was in great measure due to the fact that this is a well vaccinated district.

**Scarlet Fever.** Of this disease the 37 cases were pretty widespread, Barnton, Marton, and Wimboldsley contributing the bulk of them. In the villages of Cuddington and Davenham prompt removal of a single case to Hospital checked a further spread of the disease.

**Whooping Cough.** This disease has been general throughout the district, as shown by the 8 deaths registered from this cause; 4 being in Weaverham, 2 in Northwich, and 1 each in Over and Middlewich.

All the children who died from it were under 5 years of age, and it is a pity that parents are so "philosophic" when



infants are suffering from whooping cough, taking it as a matter of course, and adopting no treatment; they do not realise how fatal it is to children of tender years.

**Diphtheria** has been particularly prevalent and very widespread over the whole district, although Barnton is responsible for 9 of the 38 cases.

5 Deaths were due to this cause, 3 of them being in the Infectious Diseases Hospital.

**Isolation Hospital.** This has been occupied by 45 cases during the year; 3 of which were in prior to the beginning of the year, making the number of cases for the year 42.

Of these: 2 cases of small-pox were from the Workhouse, 2 cases of diphtheria and 1 of scarlet fever from the Urban District of Northwich. The remaining 37 being from the Rural District. Of these 45 cases: 37 have been discharged cured, 4 have died, and 4 remain in Hospital.

The cost of medical attendance upon these cases is about £150.

During the epidemic of small-pox, an extension of the Hospital was made; a separate block, with two wards (for 4 beds each), and a day room, but fortunately it has never been required.

The increased use of the Hospital is a matter for congratulation, showing that the public have more confidence and are better educated in the advantages of isolation; but it means that some extension of the administration block will have to be provided.

As matters are at present, when the 2 blocks are occupied by cases needing night and day nursing, the nurses have to sleep in one bedroom, in fact in one bed, an arrangement which is not fair to either nurses or patients, and which is not a proper course for a Sanitary Authority to sanction as a permanent arrangement.

The Caretakers' Kitchen—which is also their living-room—has to accommodate all the cooking and drying (in wet weather) for themselves, the nurses, and the patients; and as the wards have held as many as eleven patients at one time, and are capable of accommodating sixteen, it is then that the administration department is wholly inadequate.

**The Joint Hospital Committee.** This Committee, formed of representatives of the Northwich Rural and Urban Districts, and the Urban Districts of Middlewich and Winsford, has purchased a very eligible site of six acres in the Parish of Davenham. Plans have been made, and are only awaiting official sanction for a start to be made with the new buildings.

**Dairies.** No new Dairies have been registered during the year, the number remaining as before—402.

The Standing Committee have made inspection, and many improvements have been made by their suggestion.

12 Farm Shippons have been dealt with under the regulations. The cleanliness of dairies and shippons have received special attention.

**Anthrax.** This disease, so fatal in its result and so mysterious in its origin, has lately been much on the increase in Mid-Cheshire.

One case has occurred at Kinderton, and prompt cremation and disinfection were performed and no further case occurred.

**Tuberculosis.** The total number of deaths of persons from tuberculosis diseases during the year is 20; 8 being from phthisis, and 12 from other forms of tuberculosis; of these, 14 were in Davenham, 4 in Northwich, and 1 each in Over and Middlewich.

Tubercular Milk has been discovered in some 3 or 4 cases and the beasts found to have tubercular udders. In all cases the offending animal has been isolated and the milk not used for human food.

**Dwelling-houses.** 36 Plans of new Houses have been approved and 5 additions to existing houses, while 46 have been certified fit for occupation.

3 Houses have been condemned as unfit for occupation: 2 in Little Budworth and 1 in Sandiway. Of these, 1 was demolished and 2 altered.

**Factories and Workshops.**—The number now on the register is 123, 14 being bake-houses. They are distributed as follows:—

Acton 7; Allostock 4; Anderton 1, and 1 bake-house;



Barnton 18, and 5 bake-houses (1 underground); Bostock 2; Crowton 2; Cuddington 7; Darnhall 1; Davenham 12, and 3 bake-houses; Delamere 1; Eddisbury 1; Hartford 11; Lach Dennis 2; Little Leigh 1; Lostock Gralam 7; Marston 2; Marton 1; Moulton 3, and 2 bake-houses; Nether Peover 2; Rudheath 5, and 1 bake-house; Sproston 1; Weaverham 13, and 1 bake-house; Wimboldsley 1; Wincham 4; Winnington 2, and 1 machine bakery.

These have been inspected and the sanitary arrangements supervised, cleansing and whitewashing required; drains have been re-trapped, ventilators and windows receiving special attention.

The underground Bake-house, which has only one wall really underground as it is built on the side of a hill, has had, on the advice of the Medical Officer of Health, the exterior of the buried wall faced with concrete, besides other minor improvements.

**Water Supplies.**—A public water supply is furnished in 23 of the townships, and the Council mains have been extended in (Gorstage), Weaverham and Barnton; further extensions are in contemplation. Occlestone and Little Budworth are in want of better water supply. The Shelton wells upon which they depend being in many instances of dubious quality.

21 Samples of water have been analysed; 9 have been certified as bad, 3 as suspicious, and 9 as good. The bad ones are being dealt with.

**Sewerage.**—New sewerage works have been completed at Hartford.

Considerable improvements have been made in the outfall works at Lostock Gralam; and plans of new sewage works at Barnton are now in hand.

In addition to the plans of new houses, there have been approved plans for 1 slaughter-house, 2 schools, 1 smithy, 3 farm buildings, and 1 golf-rooms.

Statutory notices to abate nuisances have been served at 73 dwelling-houses and 1 works (smoke).

Slaughter houses have been inspected and kept limewashed and clean, 1 new one has been licensed, making a total of 20 in the district.

39 Canal boats have been inspected and 16 infringements of regulations discovered, which have been remedied. One case of scarlet fever was discovered and promptly removed to Hospital and the boat disinfected.

3 Summonses to Sessions have been taken out, 2 for firing chimneys and 1 for occupation of house without certificate.

HENRY EDWARD GOUGH,

*Medical Officer of Health.*

JANUARY 26TH, 1904.

11  
TABLE I.

YEAR	Population estimated to Middle of each Year.	BIRTHS.		DEATHS UNDER ONE YEAR OF AGE		DEATHS AT ALL AGES. TOTAL		DEATHS IN PUBLIC INSTITUTIONS.	Deaths of Non-residents registered in District.	Deaths of Residents Registered beyond District.	DEATHS AT ALL AGES. NETT	
		Number	Rate.*	Number	Rate per 1,000 Births registered.	Number	Rate.*				Number	Rate.*
1	2	3	4	5	6	7	8	9	10	11	12	13
1893.	24,080	808	33·0	135	167	393	16·2	...	...	...	...	...
1894.	20,789	763	28·2	106	139	345	13·0	...	...	...	...	...
1895.	22,747	772	33·9	107	138	383	16·8	...	...	..	...	...
1896.	22,501	834	37·0	105	126	342	15·4	...	6	...	336	14·9
1897.	22,768	781	34·3	111	144	370	16·6	...	10	2	362	15·8
1898.	22,568	686	30·4	106	154	345	15·8	...	14	2	333	14·7
1899.	22,826	612	26·8	88	143	329	14·8	...	12	2	319	13·9
1900.	23,500	636	27·0	69	108	299	12·7	...	3	6	302	12·8
1901.	22,174	620	27·9	89	143	287	12·8	2	...	5	292	13·1
1992.	22,280	603	27·6	72	119	276	12·3	...	...	6	282	12·6
Averages for years 1893—1902	22,623	721	30·6	98	138	336	14·6	...	...	...	...	...
1903.	22,650	625	27·5	68	108	247	10·4	4	...	13	260	11·4

\* Rates in columns 4, 8 and 13, calculated per 1,000 of estimated population.

Area of District in acres (exclusive of area covered by water) 54,301

Total population at all ages 20,923.

Number of inhabited houses 4485.

Average number of persons per house 4·6.

} At Census  
of  
1901.

Institutions within the District receiving sick  
and infirm persons from outside the  
District ... ..

Infectious Hospital at Marbury.

Institutions outside the District receiving sick  
and infirm persons from the District ... ..

} Union Workhouse, Northwich.  
Victoria Infirmary, Northwich.  
Royal Infirmary, Manchester.  
Cancer Hospital, Manchester.



TABLE II.

NAMES OF LOCALITIES.	WEAVERHAM.						NORTHWICH.						OVER.						MIDDLEWICH.					
	Population esti- mated to middle of each Year	Births Registered	Deaths at all Ages	Deaths under 1 year	Population esti- mated to middle of each Year	Births Registered	Deaths at all Ages	Deaths under 1 year	Population esti- mated to middle of each Year	Births Registered	Deaths at all Ages	Deaths under 1 year	Population esti- mated to middle of each Year	Births Registered	Deaths at all Ages	Deaths under 1 year	Population esti- mated to middle of each Year	Births Registered	Deaths at all Ages	Deaths under 1 year	Population esti- mated to middle of each Year	Births Registered	Deaths at all Ages	Deaths under 1 year
1893 ...	8622	308	152	49	9381	310	143	63	3083	103	52	9	2994	87	46	14	2994	87	46	14	2994	87	46	14
1894 ...	8058	269	127	35	7069	320	139	49	3083	74	39	10	2579	100	37	10	2579	100	37	10	2579	100	37	10
1895 ...	8613	284	163	40	8352	292	143	48	3083	99	40	11	2699	97	37	8	2699	97	37	8	2699	97	37	8
1896 ...	8561	299	137	44	8092	363	126	38	3089	89	46	15	2759	83	39	8	2759	83	39	8	2759	83	39	8
1897 ...	8671	295	143	28	8174	303	155	57	3133	92	45	14	2810	91	35	15	2810	91	35	15	2810	91	35	15
1898 ...	8944	252	135	31	7741	282	139	47	2991	76	45	16	2893	76	38	2	2893	76	38	2	2893	76	38	2
1899 ...	8940	248	120	28	7835	226	130	40	3003	80	45	13	3048	58	34	7	3048	58	34	7	3048	58	34	7
1890 ...	9093	232	137	32	8046	233	102	26	3086	83	36	6	3278	88	24	5	3278	88	24	5	3278	88	24	5
1901 ...	8612	255	111	38	7695	218	98	32	3061	69	39	8	3050	78	39	11	3050	78	39	11	3050	78	39	11
1902 ...	8616	211	99	19	7712	227	96	37	2880	88	51	5	3074	77	36	11	3074	77	36	11	3074	77	36	11
Averages of Years 1893 to 1903 ...	8674	265	132	34	8009	277	127	43	3048	85	43	10	2918	83	36	9	2918	83	36	9	2918	83	36	9
1903 ...	8760	257	103	24	7860	230	89	25	2900	68	36	10	3130	70	32	9	3130	70	32	9	3130	70	32	9

TABLE III.

Cases of Infectious Disease notified during the Year 1903.

NOTIFIABLE DISEASE.	CASES NOTIFIED IN WHOLE DISTRICT. H.W.						TOTAL CASES NOTIFIED IN EACH LOCALITY.						NO OF CASES REMOVED TO HOSPITAL FROM EACH LOCALITY.							
	At all Ages.	AT AGES—YEARS.					1 WEAVERHAM.	2 NORTHWICH.	3 OVER.	4 MIDDLEWICH.	5	6	1 WEAVERHAM.	2 NORTHWICH.	3 OVER.	4 MIDDLEWICH.	5	6	7 NORTHWICH. URBAN DISTRICT.	
		Under 1.	1 to 5.	5 to 15.	15 to 25.	25 to 65.														65 and upwards.
Small-pox .....	11	...	2	9	...	...	...	2	...	9	...	...	...	2	...	9	...	...	2	
Cholera.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Diphtheria .....	38	...	7	4	3	...	14	16	1	7	...	...	...	8	...	1	...	...	2	
Membranous croup.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Erysipelas .....	13	1	...	3	9	...	5	1	5	2	...	...	...	...	...	...	...	...	...	
Scarlet Fever .....	37	...	9	1	1	...	15	1	19	2	...	...	...	...	4	1	...	...	1	
Typhus Fever .....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Enteric Fever .....	10	...	3	2	5	...	5	2	2	1	...	...	...	...	...	...	...	...	...	
Relapsing fever .....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Continued fever .....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Puerperal fever .....	1	...	...	1	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	
Plague .....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Totals .....	110	1	16	20	18	...	39	23	27	21	...	...	12	10	4	11	...	37	5	



TABLE IV.

*Causes of, and Ages at, Death during Year 1903.*

CAUSES OF DEATH.	DEATHS IN WHOLE DISTRICT AT SUBJOINED AGES.							DEATHS IN LOCALITIES (AT ALL AGES).					DEATHS IN PUBLIC INSTITUTIONS.	
	All ages	Under 1.	1 and under 5.	5 and under 15.	15 and under 25.	25 and under 65.	65 and upwards.	WEAVERHAM.	NORTHWICH.	OVER.	MIDDLEWICH.	Infectious Disease Hospital.		MILITARY CAMP.
Small-pox .....	...	...	...	...	...	..	...	...	...	...	...	...	...	...
Measles.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Scarlet fever.....	1	...	1	...	...	...	...	...	1	...	...	1	...	1
Whooping-cough.....	8	3	5	...	...	...	...	4	2	1	1	...	...	...
Diphtheria and mem- branous croup .....	5	...	1	4	...	...	...	1	4	...	...	3	...	3
Croup .....	2	...	2	...	...	...	...	..	1	1	...	...	...	...
Fever { Typhus.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Enteric.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Other continued ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Epidemic Influenza.....	2	...	...	...	...	1	1	...	1	1	...	...	...	...
Cholera .....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Plague .....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Diarrhœa .....	3	3	...	...	..	...	...	...	2	1	...	...	...	...
Enteritis .....	2	1	1	...	...	...	...	1	1	...	...	...	...	...
Puerperal fever .....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Erysipelas.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Other septic diseases .....	2	1	...	...	...	1	...	2	...	...	...	...	...	...
Phthisis .....	8	...	...	1	4	3	...	7	1	...	...	...	...	...
Other Tubercular Diseases	12	4	2	2	1	3	...	7	3	1	1	...	...	1
Cancer, malignant disease.	8	...	...	...	...	5	3	2	2	3	1	...	...	...
Bronchitis.....	19	5	5	1	...	2	6	8	7	1	3	...	...	2
Pneumonia .....	22	6	7	1	...	5	3	8	10	1	3	...	...	1
Pleurisy .....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Other diseases of Res- piratory organs.....	3	...	..	...	...	1	2	2	1	...	...	...	...	1
Alcoholism—Cirrhosis of liver .....	5	...	...	...	1	4	...	1	2	...	2	...	...	...
Venereal diseases .....	3	3	...	...	...	...	...	...	2	...	1	...	...	...
Premature birth .....	10	10	...	...	...	...	..	2	3	4	1	...	...	...
Diseases and accidents of Parturition .....	1	...	...	...	...	1	...	1	...	...	...	...	...	...
Heart diseases.....	18	...	...	...	1	8	9	7	7	3	1	...	...	...
Accidents .....	10	2	2	...	1	4	1	5	5	...	...	...	...	1
Suicides .....	2	...	...	...	1	1	...	..	1	...	1	...	...	...
Old Age ..	26	...	...	...	...	...	26	13	5	3	5	...	...	1
Convulsions .....	7	6	1	...	...	...	...	5	1	1	...	...	...	...
Marasmus .....	3	2	1	...	...	...	...	...	1	1	1	...	...	...
All other causes .....	78	22	4	8	8	23	13	27	26	14	11	...	1	7
All causes.....	260	68	32	17	17	62	64	103	89	36	32	4	1	18



SUPPLEMENTARY TABLE I.—BIRTHS.

Rural sanitary district of	1st QUARTER.				2nd QUARTER.				3rd QUARTER.				4th QUARTER.				TOTALS FOR YEAR.			
	M	F	Tot'l	Rate	M	F	Tot'l	Rate	M	F	Tot'l	Rate	M	F	Tot'l	Rate	M	F	Tot'l	Rate
Weaverham	41	24	65		29	33	62		29	31	60		42	28	70		141	116	257	
Northwich	31	31	62		42	28	70		27	24	51		26	21	47		120	104	230	
Over	6	8	14		15	8	23		5	11	16		10	5	15		36	32	68	
Middlewich	8	11	19		8	13	21		10	3	13		5	12	17		31	39	70	
Totals for quarters.	86	74	160	28.2	94	82	176	31.0	71	69	140	24.2	83	66	149	26.3	334	291	625	27.5
Births of legitimate children	7 { W. 4 { 2 M. N. 3 { 2 F. 1 M. 2 F.				6 { N. 3 M. O. 2 F. M. 1 F.				5 { W. 2 M. N. 3 { 2 M. 1 F.				8 { W. 3 { 3 M. N. 3 { 1 F. 1 M. O. 1 M. 2 F.				26 { W. 10 { 7 M. N. 12 { 3 F. 7 M. O. 3 { 5 F. 1 M. M. 1 F. 2 F.			

SUPPLEMENTARY TABLE II.—DEATHS.

	1st Quarter.		2nd Quarter.		3rd Quarter.		4th Quarter.		Totals for Year.	Rate.
	No.	Rate.	No.	Rate.	No.	Rate.	No.	Rate.	No.	Per Thousand
Weaverham .....	24	10.9	31	14.0	27	12.3	21	9.5	103	11.7
Northwich .....	24	12.2	25	12.7	19	9.6	21	10.6	89	11.3
Over .....	9	12.4	14	19	5	6.8	8	11.0	36	12.4
Middlewich .....	12	15.3	7	8.8	5	6.3	8	10.2	32	10.2
Whole District ...	69	12.1	77	13.6	56	9.8	58	10.2	260	11.4

**SUPPLEMENTARY TABLE III.—INFANTILE DEATHS.**

Shewing Numbers in each District during each Month and Quarter,  
with the Death Rates for each District and each Quarter.

		1st Quarter.			2nd Quarter.			3rd Quarter.			4th Quarter.			Whole Year.	
		January	February	March	April	May	June	July	August	September	October	November	December	No.	Rate per 1000.
Weaverham .....		3	2	3	2	1	1	3	3	2	2	1	1	24	2·7
Northwich .....		3	1	0	2	2	1	2	3	5	1	3	2	25	2·9
Over .....		0	2	0	0	1	3	0	1	0	2	0	1	10	3·4
Middlewich .....		1	2	1	2	0	1	0	0	0	0	1	1	9	2·8
Whole District	No.	18			16			19			15			68	3·0
	Rate per 1000.	3·1			2·8			3·3			2·6			—	—
Number under 6 months of age at time of death		15			11			15			12			53	—
Illegitimate Deaths	No.	1			0			2			1			4	·17